IAP6 Rec'd PCT/PTO 25 SEP 2006

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperw	ork Reduction Act of 1995.	no persons are required Application	to respond to a co	llection of info	rmation	unless it	displays a valid OMB control number.		
				10/537,648	l				
TRAI	Filing Date		June 6, 200	June 6, 2005					
	First Name	ed Inventor	Zhi-Cheng						
		Art Unit	·	1653					
the beautiful of the off on		Examiner I	Name	Marsha M. Tsay					
,	orrespondence after initial fi		ocket Number	0380-P03063US1					
Total Number of Pag	es in This Submission	<u> </u>		3330 . 333					
_		ENCLOSURES	(Check all	that apply))				
Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application		Petition Petition to Co Provisional A Power of Att Change of Co Terminal Disc Request for F CD, Number Landsc Remarks In the event the tt the Commissioner is	Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Ferminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CD		Other Enclosure(s) (please Identify below): Req. for Corrected Filing Receipt; Copies of Official Filing Receipt as received and marked up copy;1st Pg. of Pub. Int. App; 1st. Pg. of Trans. Ltr in connection with this submission and not enclosed, e such fee to the account of the undersigned attorneys,				
	SIGNA	URE OF APPLIC	CANT, ATTO	RNEY, O	R AG	ENT			
Firm Name	ANN, DORFMAN, HERR	ELL AND SKILLMAN	- Cusotmer N	lo. 000110					
Signature	Kathlen	Sligget	•						
Printed name Ka	thleen D. Rigaut, Ph.D.,	J.D.							
Date Se			Reg. No. 43,047						
	CERTIFICATE OF TRANSMISSION/MAILING								
I hereby certify that th sufficient postage as the date shown below	I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:								
Signature	Jan	e C.	Bo	a					
Typed or printed nam	le Jane C. Bogan			0	_	Date	September 21, 2006		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IAP6 Rec'd PG ∴ne 6, 2005 Attorney Docket No. TRANSMITTAL LETTER TO THE UNITED 0380-P03063US1 TATES DESIGNATED/ELECTED OFFICE U.S. Application No.(If Known) (DO/EO/US) CONCERNING A FILING not yet assigned UNDER 35 U.S.C. 371 Express Mail Label No.: EL997353351US Int'l Filing Date **Priority Date Claimed** Int'l Application No. PCT/GB2003/005323 5 December 2003 6 December 2002 TITLE OF INVENTION PEPTIDES, ANTIBODIES THERETO, AND THEIR USE IN THE TREATMENT OF CENTRAL NERVOUS SYSTEM DAMAGE Applicant(s) for DO/EO/US Zhi-Cheng XIAO Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. []This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.

- 3. []This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- 4. [X]The US has been elected (Article 31).
- 5. [X]A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [X] is attached hereto (required only if not communicated by the International Bureau).
 - b. [] has been communicated by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. [] is attached hereto.
 - b. [] has been previously submitted under 35 U.S.C. 154(d)(4).
- 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. [] are attached hereto (required only if not communicated by the International Bureau).
 - b. [] have been communicated by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [] have not been made and will not be made.
- 8. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- 9. [] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10. [] An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- 11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [X] A FIRST preliminary amendment.
- 14. [] A SECOND or SUBSEQUENT preliminary amendment.
- 15. [] A substitute specification.
- 16. [] A change of power of attorney and/or address letter.
- 17. [] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 1.825.
- 18. [] A second copy of the published international application under 35 U.S.C. 154(d)(4).
- 19. [] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- 20. [] Other items or information:

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 24 June 2004 (24.06.2004)

(10) International Publication Number WO 2004/052922 A3

- (51) International Patent Classification7: C07K 7/06, 14/47, G01N 33/68, A61K 38/08, C12N 7/00, G06F 19/00, C12N 15/11, A61K 39/00, 39/395
- (21) International Application Number:

PCT/GB2003/005323

- (22) International Filing Date: 5 December 2003 (05.12.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/431,620

6 December 2002 (06.12.2002)

- (71) Applicant (for all designated States except US): SINGA-PORE GENERAL HOSPITAL PTE LTD. [SG/SG]; 11 Third Hospital Avenue, #07-00, SNEC Building, 168751 Singapore (SG).
- (71) Applicant (for MN only): DENISON, Christopher, M [GB/GB]; C/o. Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): XIAO, Zhi-Cheng [CA/SG]; 173 Chin Swee Road, #32-02, 169878 Singapore
- (74) Agents: DENISON, Christopher, M. et al.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 28 October 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PEPTIDES, ANTIBODIES THERETO, AND THEIR USE IN THE TREATMENT OF CENTRAL NERVOUS SYS-TEM DAMAGE

(57) Abstract: The application provides peptides that interact with the inhibitory domains of the myelin proteins Nogo, TNR and MAG. These may be used in the treatment for CNS damage, and for the development of further treatments. Also provided are methods and materials for immunizing subjects against the inhibitory domains of the myelin proteins, for the treatment for CNS damage.

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Pa	perwork R	eduction Act of 1995	no perso		collection of ir	nformation	ı unless i	t displays a valid OMB control number.
				Application Number	10/537,64	48		
TF	RANS	MITTAL		Filing Date	June 6, 2	005		
	FO	RM		First Named Inventor	Zhi-Chen	g Xiao		
				Art Unit	1653			
(to be used for	r all comes	oondence after initial	filina)	Examiner Name	Marsha M	1. Tsay		
			ming)	Attorney Docket Numbe	r 0380-P03			
Total Number of	r Pages in	This Submission		<u> </u>				
			ENC	LOSURES (Check	all that appl	y)		
Incomplete Application the Cor		ne event the that a fee is rec	e Address CD quired in con charge such	Other Enclosure(s) (please Identify below): Req. for Corrected Filing Receipt; Copies of Official Filing Receipt as received and marked up copy;1st Pg. of Pub. Int. App; 1st. Pg. of Trans. Ltr d in connection with this submission and not enclosed, ge such fee to the account of the undersigned attorneys,				
		SIGNA	TURE (OF APPLICANT, ATT	ORNEY, O	OR AG	ENT	
Firm Name	DANN,			D SKILLMAN - Cusotmei	·			
Signature	X	athlen	1 /c	igant				
Printed name	Kathlee	n D. Rigaut, Ph.D.	., J.D.	O .			-	
Date	Septem	ber 21, 2006		_	Reg. No.	43,047	7	
		CI	ERTIFIC	CATE OF TRANSMIS	SION/MA	ILING		
sufficient postage the date shown b	as first c							ited States Postal Service with Alexandria, VA 22313-1450 on
Signature		Ja.	رو	C. Br	San	_		
Typed or printed	name	Jane C. Bogan			0		Date	September 21, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Group Art Unit: 1653

Zhi-Cheng Xioa

Examiner: Marsha M. Tsay

Serial No. 10/537,648

:

Filed: June 6, 2005

:

For: PEPTIDES, ANTIBODIES

THERETO, AND THEIR USE IN : TREATMENT OF CENTRAL NERVOUS :

SYSTEM DAMAGE

:

REQUEST FOR CORRECTED FILING RECEIPT

It is respectfully requested that the U.S. Patent and Trademark Office records for the above-identified application be changed to correct the title on the official filing receipt. The U.S. Patent and Trademark Office records, as evidenced by the official filing receipt, currently show the title as "Central Nervous System Damage". The correct title should read "Peptides, Antibodies Thereto, and Their Use in Treatment of Central Nervous System Damage. Copies of The Transmittal Letter to U.S. Designated Office filed June 6, 2005 and the first page of the Published International Application are enclosed herewith evidencing the correct title. Also enclosed is a copy of the official filing receipt as received, and a worked up copy of the official filing receipt, showing the correct title to be listed.

It is further requested that a new official filing receipt be issued when the U.S. Patent and Trademark Office records have been corrected.

Respectfully submitted,

DANN, DORFMAN, HERRELL AND SKILLMAN

A Professional Corporation

Customer No. 000110

Kathleen D. Rigaut, Ph.D. J.D.

Registration No. 43,047

Email: KRigaut@ddhs.com Telephone: (215) 563-4100

Facsimile: (215) 563-4044



United States Patent and Trademark Office

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/537,648	06/06/2005	1653	1500	0380-P03063US 1	1	20	6

CONFIRMATION NO. 6299

000110 DANN, DORFMAN, HERRELL & SKILLMAN 1601 MARKET STREET SUITE 2400 PHILADELPHIA, PA 19103-2307 FILING RECEIPT

OC000000019082903

Date Mailed: 06/12/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Zhi-Cheng Xiao, Singapore, SINGAPORE;

Power of Attorney: The patent practitioners associated with Customer Number <u>000110</u>.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/GB03/05323 12/05/2003 which claims benefit of 60/431,620 12/06/2002

Foreign Applications

Projected Publication Date: 09/14/2006

Non-Publication Request: No

Early Publication Request: No

CORRECT

V

Title PEPTIDES, ANTIBODIES THERETO, AND THEIR USE IN TREATMENT OF CENTRAL NERVOUS SYSTEM DAMAGE
Central mervous system tishhaget

Preliminary Class

424

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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RECCIVED

Applicant(s)

Zhi-Cheng Xiao, Singapore, SINGAPORE;

Power of Attorney: The patent practitioners associated with Customer Number 000110.

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Early Publication Request: No

Central nervous system damage

Preliminary Class

Title

424

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· Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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